

Active Recombinant Human CD22 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. CD22-482HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant human CD22 (Accession # CAA42006) was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Form	Lyophilized
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of human red blood cells. The ED50 for this effect is typically 0.03 - 0.15 µg/mL.
Molecular Mass	Recombinant Human CD22, Fc Chimera has a calculated MW of 101.9 kDa (monomer). In SDS-PAGE migrates as 122-127 kDa, reducing conditions.
N-terminal Sequence Analysis	Asp 20
Purity	> 95 % by SDS-PAGE under reducing conditions and visualized by silver stain.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

TRITC/Cy3 filters.

Storage

Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4 centigrade); After reconstitution under sterile conditions for 3 months (-70 centigrade).

Storage Buffer

Lyophilized from a 0.2 µm filtered solution in PBS.

Conjugation

Alexa Fluor 555

GENE INFORMATION

Gene Name

CD22 CD22 molecule [Homo sapiens]

Official Symbol

CD22

Synonyms

CD22; CD22 molecule; CD22 antigen; B-cell receptor CD22; sialic acid binding Ig like lectin 2; SIGLEC 2; SIGLEC2; BL-CAM; T-cell surface antigen Leu-14; B-lymphocyte cell adhesion molecule; sialic acid binding Ig-like lectin 2; sialic acid-binding Ig-like lectin 2; SIGLEC-2; FLJ22814; MGC130020;

Gene ID

933

mRNA Refseq

NM_001185099

Protein Refseq

NP_001172028

MIM

107266

UniProt ID

P20273

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA